

SEQUENCE LISTING

<110> Lowry, Charles V.

<120> Plasmids and Methods for Monitoring Endonuclease Digestion Efficiency

<130> 0410.008

<160> 40

<170> PatentIn version 3.0

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<211> 645

<212> DNA

<213> H. sapiens

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<222> (1)..(645)

<223> restriction site-free nucleotide sequence corresponding to nucleotides 72394-73038 of chromosome V

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tatataaaaa taataatggt tttacttttt taagtattgg aagtacctta gaaatcattg	60
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acgaagaaaa ctgtgtttcc tagtaggtct ccctgccttc actctgcctc caccaccagg	180
agtctctgca ccagtcctc tttctaaggg gtgtgccatc catcactccc cagcaaaac	240
ctctctgtgc cctccaatgc agctagactg aagcctgtga tgtcagtgtg gtcagatccc	300
tgcaacctca gcttgtgttc atggcacact gtgcttctgc taccctggcc ttctctctgc	360
tgtgtgaaca cactaagggt taacccttcc cgttgtcttg gaggggaaaa ttctcccaga	420
tattcaggct tctttgtgtc attcagtctc actcagctca aagggcactt cctctgggct	480
gccctaacct ccaccagaca cccaaactag atgcacaacg ctcgtcactc tttcccatca	540
gcctgattgg atgcctctaa agcatgtacc actatctgta ccactgctca tttattcatt	600
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 <213> H. sapiens

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 <223> restriction site-free nucleotide sequence corresponding to
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 tatcctttac tgagacagat tggtgaaatt aaaagagcac cagcttaaag atcaggaagc 120
 cagatgctgt tctctgctca ggcccagcct caatcatgtg gccctgggca ggcacctcct 180
 caacttgacc tcagttttgc cttttttaca atggatatcta taagttcttc ttggctctgc 240
 tattctggaa ttatcttatg tagaataagt cttcccaagc tgtgtggggc ttttcttggc 300
 agatttgagg gaagttttgt tctgttttgt tttattgttt gcttaccctg ctactgccag 360
 tgaagtcaac actacaagca gacagtaagc caggaaacat ttctccctgt cagggtcagca 420
 catcccatta ggtggatctg gtgctcaagt ttattagatc aggagaccga tgctggggaa 480
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 catcctgtgt aca 553

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 <223> restriction site-free nucleotide sequence corresponding to
 nucleotides 75726-76265 of chromosome V

<400> 3
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 aaatacaaaa aattagccgg gcgtgggtggg gggcacctgt agtcccaact actcggggagg 120

ctgaggcagg agaatggcat gaacctggga ggcagagctt gcagtgagcc tcagattgca 180
ccactgcact ccagcctggg caacagaatg agactccatc tcaaaaaaaaa aaaaaaacia 240
cttgtccaag tttatatggc ctggtacagg caggatttag gcaactgaat ccacaggtgc 300
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ttcttatcac cccatgtgaa tcagattcag ttgcttcaca ttttcttcac tgctcttacc 120
actgccccgat attatattac agttgtgagt tttgcacctc ttatattaag acagtgtctg 180
ccacatagta agcacttagt atttgctgaa agttgtaaaa gtgcatcaat gagtatccca 240
cagtgccggg cacataatag atattccata aattgttgta aaatagcatt tctctctctg 300
ccagggaaca gggatgaggg tggataaaat ggggagcatt ttgttcaggg atgttttctg 360
gatgtggcat ttgagctaga ccttaaaaga tggagtacaa ttccacaagg aaggcttagt 420
agttgggcat tccaaacaaa aaggacaggt gtttagacat ggaaagcatt agggacattt 480
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 tagggcctga cacatagggg ttcaataatt gtcaagtgat tgacagaatg aatgaatgga 120
 tggatgagtg aaaaagtctc tccatttcca gtgtgtattc tctctaatat cttctacatt 180
 ctacactgaa attgtctttt tgaaagcctg gacttcttca gtggcttgctc attgccagtg 240
 gataaaatgc agacttttca tctgtgcatt caagaactac cacatatagt ctcagcctac 300
 catttctctt tttttttttt tttagatgga gcctttctct gctgcccagg ctggagtgca 360
 gtggcatggg ctcggttcac tgcaacctct gcctgttggg tgcaagagat tctcctgcct 420
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<210> 6
 <211> 507
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 <222> (1)..(507)
 <223> restriction site free nucleotide sequence corresponding to
 nucleotides of Chromosome V

<400> 6
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cagacgccag ggcacagac cctaccccca cggttgcttt atgtactctc agggcacagg 180
gacgctttca ttctgtgctc ttatcacact gacttgctgc atctcttgac tgtcagtctc 240
tcccactgaa ctacaaacct ttgagagca gaagcccttt ttcttttatt gttttctcag 300
catttcatat cctattgcac aaatcaggac ttggcacata atagatgctc cataagtaat 360
ggttgaataa atgaataaat acatagtacc cgtattagtt tgctagggct tccataacaa 420
aataccacag cctgggtggc ttacacaatg gaattttatt ttctcatggg cttggaggct 480
ggaagtccaa gatcaagggtg cctgcag 507

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<211> 488
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<222> (1)..(488)
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nucleotides of Chromosome V

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aaatttacgc agaagcagga tacagaaagc agccagaagt ggagcagcac cagccgggggt 60
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gtggcgctct gctgagcaaa gtaatccctc agggcactcc aactctgaga cagaatgatt 180
tatagccctg ttaatccacc aggctgtcaa aaacggccac atcagcagac atacacagag 240
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cgctatag 488

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ccagctcaaa ggcagacaag catgggaatt ttctattata gggaggaagg tcagcctttt 180
tttcctattc aggtcttcaa tggattggac gggaaccatc cacattaggg agggcaatct 240
gctttactta gtctcccaa tcaaatgtta atctcatcca gaaatatcag cacacacaac 300
cttagaataa tgtctgacca aatgtctggg cacccaatag ctgagtcaag ttgacacata 360
aaattaacca tcaactggcc ggacgctgtg gtcacacct gttatccag cactttgggt 420
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<210> 9
<211> 465
<212> DNA
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<220>
<221> misc_feature
<222> (1)..(465)
<223> restriction site free nucleotide sequence corresponding to
nucleotides of Chromosome V

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aacctttgga ggtgctacca catgccccac cctcaccaca ggttttgatg accaccccat 120
cttttaggag ttccccttat ttttatatcc tcatcctttc tctatccatg ctgagtcatg 180

gtcaatgtga aatctgtgct gtggctttcc tggcttggct cttcatagat aaacctataa 240
agccaagatt tgagaaatct ttctctctct ctctctctct ctctctctct ctctcaataa 300
agttggtggt cttttttttt tcttttagcaa attggcaaca tttcctatca gattatgtat 360
tggtcacagg ctatacaaac tctaggaact atcagggggtt atttggaaga aaaacaactg 420
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<212> DNA
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<220>
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<400> 10
gaattcaaaa gtcgacaaaa ggatcc 26

<210> 11
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<400> 11
ggatcctttt gtcgactttt gaattc 26

<210> 12
<211> 38
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<400> 12
gagagaattc tataaagctt cgtattccaa tggggagc 38

<210> 13
<211> 34
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<400> 13
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34

<210> 14
<211> 51
<212> DNA
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<220>

<223> oligonucleotide used for plasmid construction

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51

<210> 15
<211> 41
<212> DNA
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<400> 15
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41

<210> 16
<211> 45
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45

<210> 17
<211> 45
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<400> 17

aattcgaact agtggtaccg gttaccgccg gcggccgcat gctta

45

<210> 18

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<212> DNA

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<400> 18

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49

<210> 19

<211> 50

<212> DNA

<213> Artificial sequence

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<400> 19

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50

<210> 20

<211> 42

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<213> Artificial sequence

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<400> 20

gacccataggc gccatggcca gctagcccgg gcccatatga gc

42

<210> 21
<211> 42
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<220>
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<400> 21
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<210> 22
<211> 24
<212> DNA
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<220>
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<400> 22
ctagctgcag ctgttaacgt cgac 24

<210> 23
<211> 24
<212> DNA
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<400> 23
aattgtcgac gttaacagct gcag 24

<210> 24
<211> 13
<212> DNA
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<400> 24
tatgagctcg aga 13

<210> 25
<211> 21
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<210> 26
<211> 25
<212> DNA
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<220>
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ctagcccggg cccactagtt cgaat 25

<210> 27
<211> 25
<212> DNA
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<210> 28
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26

<210> 29

<211> 18

<212> DNA

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<223> oligonucleotide used for plasmid construction

<400> 31

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<210> 32

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<212> DNA

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<220>
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<210> 34
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<210> 35
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<210> 36
<211> 47

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<210> 38
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<210> 39
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<210> 40
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<212> DNA
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<220>

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